

## Claims

What is claimed is:

1. A machine for cloning plant cuttings automatically using water culture comprising:
  - a reservoir and storage area with supports to hold back of reservoir cover and means for power cord to exit unit;
  - a reservoir tray with two drains, an inlet tube, and means for water pump cord and air line to exit reservoir nutrient holding area ;
  - a reservoir tray cover with a plurality of openings for foam cutting supports, supports to hold front of reservoir cover, and a notch for power cord and air line to exit reservoir;
  - a reservoir cover with with slots for ventilation and structure for mounting light support;
  - a light support made from clear acrylic that fits inside reservoir cover with slots for ventilation;
2. A machine for cloning plant clippings automatically using water culture as claimed in claim 1 wherein said reservoir and storage area, reservoir tray, reservoir tray cover, and light support are constructed of .25 inch acrylic sheet or similar material;
3. A machine for cloning plant clippings automatically using water culture as

claimed in claim 1 wherein said machine has dimensions of no more than 20"Hx20"Dx20"W

4. A machine for cloning plant cuttings automatically using water culture as claimed in claim 1 wherein said machine uses no more than 8 gallons of nutrient solution